# IS-IP14K-DN

## User Manual

Ver 1.0

SENTRY360

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# 1. Overview

The IS-IP14K-DN camera is an MJPEG or H.264 encoding, 14.0 Megapixel resolution, IP-addressable, fixed camera. It is designed to deliver full motion high definition progressive scan digital video across local area networks. The IS-IP14K-DN features a design with no moving parts, creating a high-resolution fixed image. The IS-IP14K-DN comes equipped with a CS mount that accommodates a wide variety of fixed lenses for different applications; C mount lenses can also be used with a C/CS adapter. This dual codec camera enable users to simultaneously output multiple video streams at resolutions up to 14 megapixels which provide clear digital zoom capability for proactive forensic detail. The IS-IP14K-DN is equipped with a mechanical IR cut filter that filters infrared light to display high quality video images in low light environments.

## 1.1 Features

- 14.0 Megapixel CMOS sensor
- Maximum Resolution: 4352 x 3264
- Maximum Framerate: 6 fps
- IR Cut Filter
- Full Onvif Compatibility
- Motion Detection
- PoE 802.3af
- 0.1 lux (color) at F/1.2
- 100/10 LAN Connection
- Protocols: UDP, TCP, HTTP, TFTP, RTSP
- Automatic Exposure
- Automatic White Balance
- Brightness, Contrast, Saturation Controls

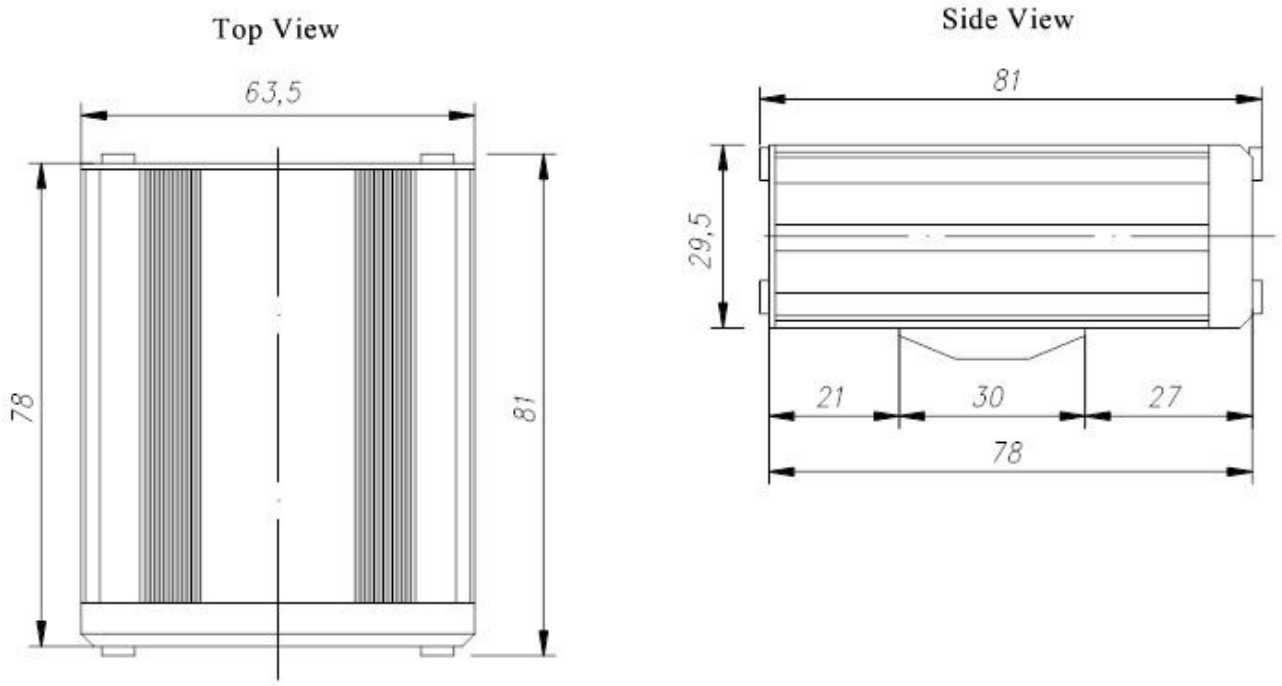
## 1.2 Package Contents

Please check the package contains the following items listed below.

- Camera
- Quick Start Guide

## 1.3 Dimensions

The IS-IP14K-DN camera and lens dimensions are shown below.



## 1.4 Connectors

The diagram below shows the IS-IP14K-DN connections.

| Designation | | Description |
|---|---|---|
| **1** | DC Power | 12V DC Power Connector |
| **2** | LAN Port | PoE and Ethernet Port |

# 2. System Requirements

To connect to the IS-IP14K-DN via web browser, please ensure your PC has a good network connection, and meets system requirements as described below.

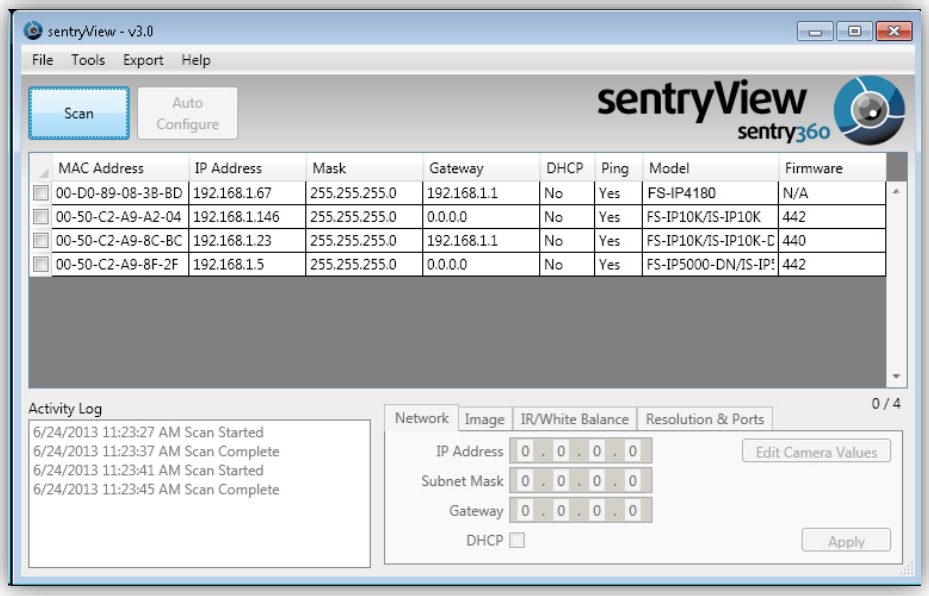
| Items | System Requirement |
|---|---|
| **Web Browser** | Microsoft Internet Explorer<br>Mozilla Firefox<br>Google Chrome<br>Apple Safari |

# 3. Access Camera

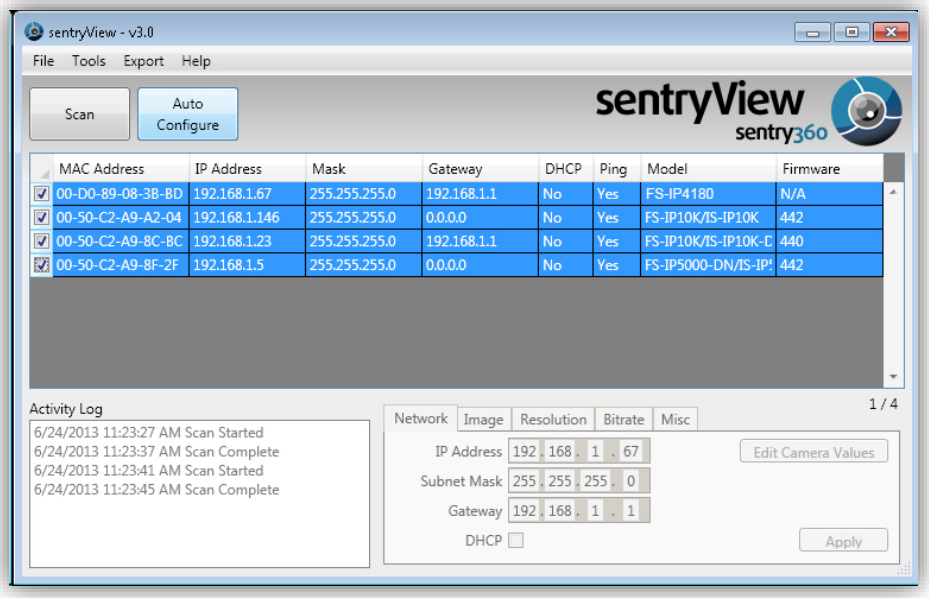
**Step 1.** Power your camera using the correct power source (PoE switch, PoE injector, or 12V adapter).

**Step 2.** Download, install, and run sentryView™, Sentry360's camera configuration tool, here: http://sentry360.com/product/sentryview/

**Step 3.** Click the **Scan** button in sentryView™ to scan your network for connected cameras.


sentryView - v3.0
File Tools Export Help
Scan
Auto Configure
sentryView
sentry360
MAC Address IP Address Mask Gateway DHCP Ping Model Firmware
00-D0-89-08-3B-BD 192.168.1.67 255.255.255.0 192.168.1.1 No Yes FS-IP4180 N/A
00-50-C2-A9-A2-04 192.168.1.146 255.255.255.0 0.0.0.0 No Yes FS-IP10K/IS-IP10K 442
00-50-C2-A9-8C-BC 192.168.1.23 255.255.255.0 192.168.1.1 No Yes FS-IP10K/IS-IP10K-D 440
00-50-C2-A9-8F-2F 192.168.1.5 255.255.255.0 0.0.0.0 No Yes FS-IP5000-DN/IS-IP 442
0 / 4
Activity Log
6/24/2013 11:23:27 AM Scan Started
6/24/2013 11:23:37 AM Scan Complete
6/24/2013 11:23:41 AM Scan Started
6/24/2013 11:23:45 AM Scan Complete
Network Image IR/White Balance Resolution & Ports
IP Address 0 . 0 . 0 . 0
Subnet Mask 0 . 0 . 0 . 0
Gateway 0 . 0 . 0 . 0
DHCP
Edit Camera Values
Apply

**Step 4.** To automatically configure your camera network settings, check the boxes of the cameras you want to configure. Then click **Auto Configure**.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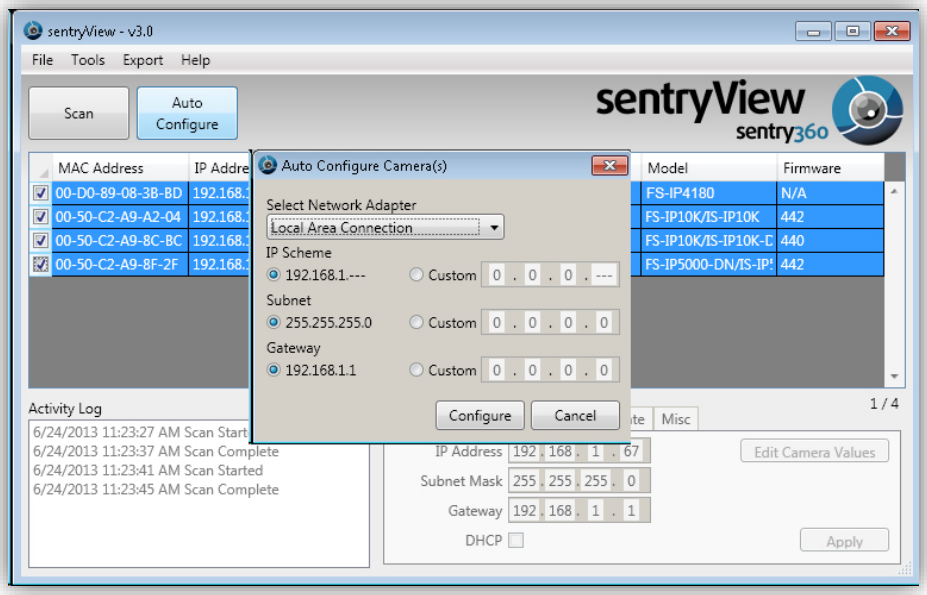
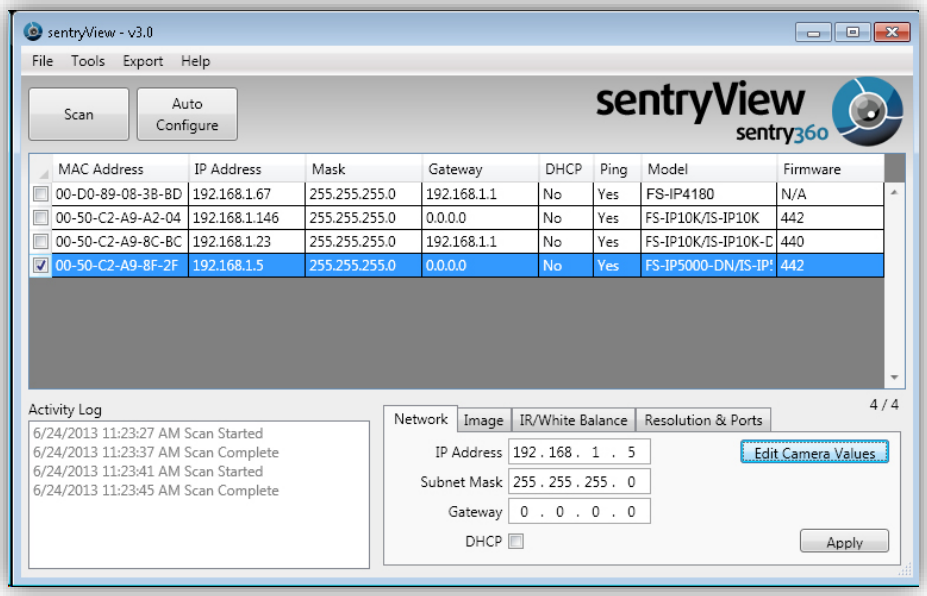
00-50-C2-A9-8F-2F 192.168.1.5 255.255.255.0 0.0.0.0 No Yes FS-IP5000-DN/IS-IP 442
1 / 4
Activity Log
6/24/2013 11:23:27 AM Scan Started
6/24/2013 11:23:37 AM Scan Complete
6/24/2013 11:23:41 AM Scan Started
6/24/2013 11:23:45 AM Scan Complete
Network Image Resolution Bitrate Misc
IP Address 192 . 168 . 1 . 67
Subnet Mask 255 . 255 . 255 . 0
Gateway 192 . 168 . 1 . 1
DHCP
Edit Camera Values
Apply

**Step 5.** Confirm your network settings and click **Configure**.




**Step 6.** To manually configure your cameras, click **Edit Camera Values** at the bottom right, enter your IP Address, Subnet Mask, Gateway, and DHCP settings. Click **Apply** to save these values.

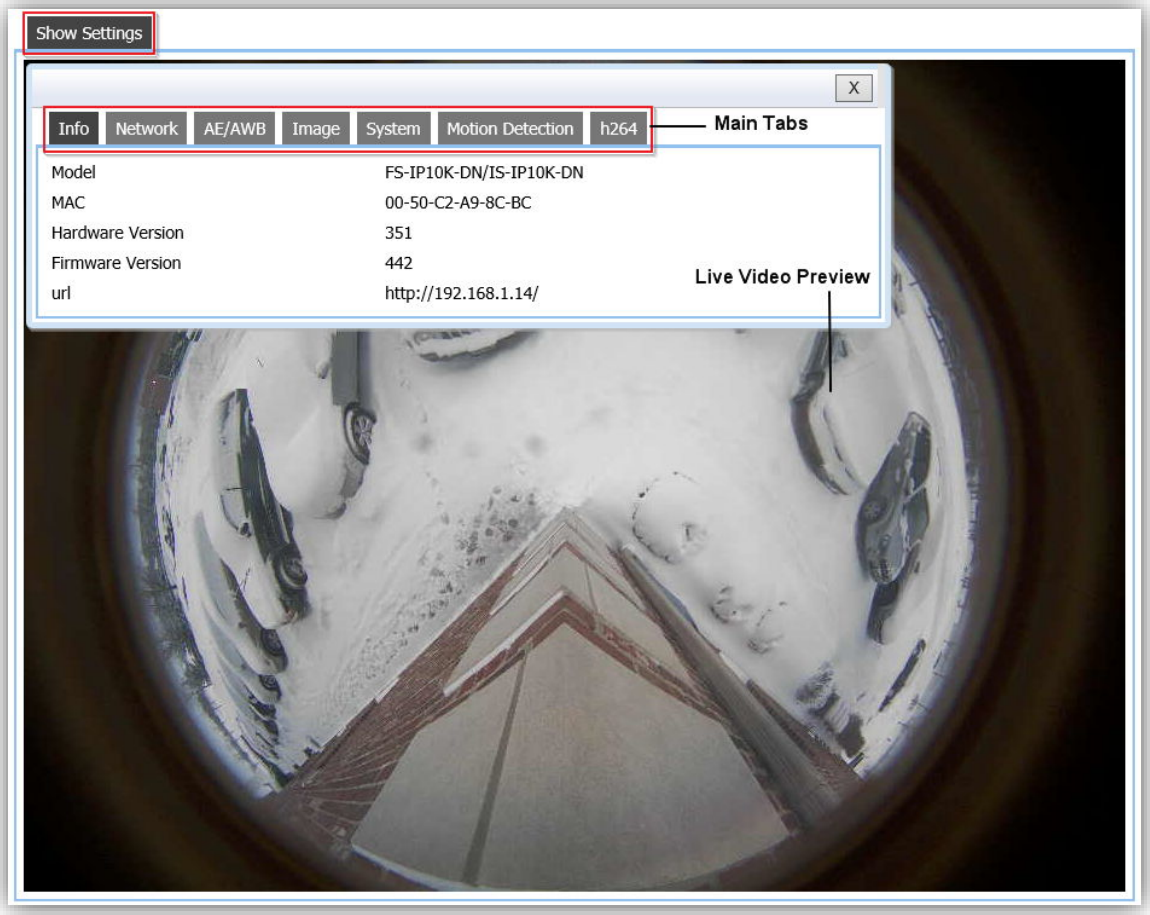



**Step 7.** Your cameras are now configured. If you are using sentryCore™ as your Video Management System, please download the latest version here: http://sentry360.com/product/sentrycore/

**Step 8.** Right click on a camera and select **Browse**. The prompt for entering the default username and password will appear for logging in to the FS-IP5000-M.

## 3.1 Web Browser Configuration

Camera configuration is accessed through the web browser interface by clicking the **Show Settings** button.




When configuration is complete, click the **System Tab -> Save** to commit settings to permanent memory.